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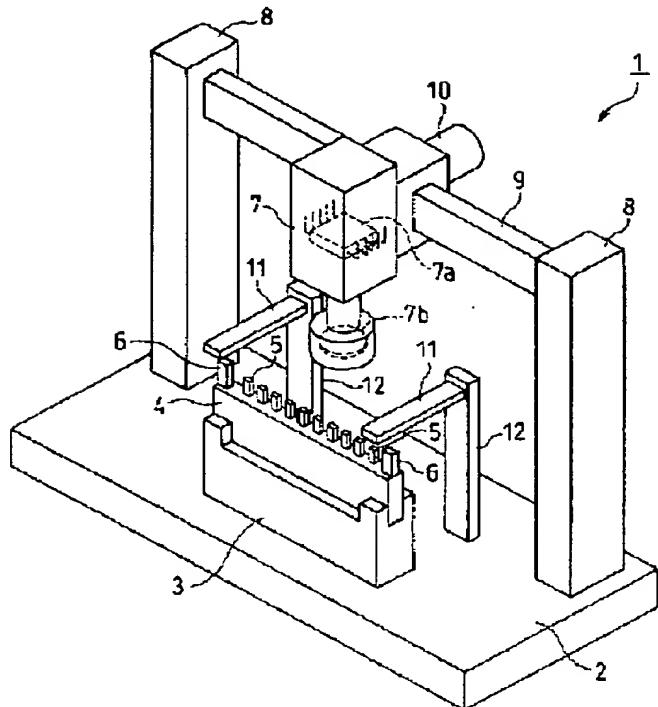
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TITLE : IMAGE SENSING EQUIPMENT



**ABSTRACT :** PROBLEM TO BE SOLVED: To enable clear image sensing of a plurality of measuring part positions, by a method wherein, in the state that a camera is focused on one measuring part position of an object to be measured and is not focused on the other measuring part position, images of both part positions are picked up at the same time, and correction is so performed by using a transparent plate that the image of the other part position is formed on the imaging surface of the image sensing means.

SOLUTION: A connector 4 is fixed to a holding member 3, and each pin 5 and reference segments 6 of the connector 4 are made to face a CCD camera 7. By moving the CCD camera 7 from one end of a guide rail 9 toward the other end, images of each pin 5 and the reference segments 6 of the connector 4 are picked up in order. The CCD camera 7 is adjusted to form the focus on the tips of the pins 5 of the connector 4, so that the images of the pins 5 are formed on the imaging surface of the CCD camera 7. By transparent plates 11 arranged between the CCD camera 7 and the reference segments 6, the focus of the CCD camera 7 is fitted to also the reference segments 6. Thereby the images of the reference segments 6 are formed on the imaging surface of the CCD camera 7.

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